



DEAV20030053 US NP Sequence Listing.txt
SEQUENCE LISTING

<110> Aventis Pharma Deutschland GmbH

<120> A METHOD FOR PURIFYING PREPROINSULIN

<130> DEAV2002/0053 US NP

<140> 10/886,451

<141> 2004-07-07

<150> 60/528,375

<151> 2003-12-10

<150> DE 10235168.6

<151> 2002-08-01

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:C-Peptid

<400> 1

Arg Asp Val Pro Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser
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Leu Gln Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg
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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Preproinsulin I

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Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu
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Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30

Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
35 40 45

Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln
50 55 60

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Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
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Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Asn
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<210> 3
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<220>
<223> Description of Artificial Sequence:Preproinsulin
II

<400> 3
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Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30

Gly Phe Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Pro Gln
35 40 45

Val Gly Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln
50 55 60

Pro Leu Ala Leu Glu Gly Ser Leu Gln Lys Arg Gly Ile Val Glu Gln
65 70 75 80

Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu Glu Asn Tyr Cys Gly
85 90 95

<210> 4
<211> 90
<212> PRT
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<220>
<223> Description of Artificial Sequence:Preproinsulin
III

<400> 4
Ala Thr Thr Ser Thr Gly Asn Ser Ala Arg Phe Val Lys Gln His Leu
1 5 10 15

Cys Gly Ser His Leu Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg
20 25 30

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Gly	Phe	Phe	Tyr	Thr	Pro	Glu	Thr	Arg	Asp	Val	Pro	Gln	Val	Glu	Leu
		35					40					45			
Gly	Gly	Gly	Pro	Gly	Ala	Gly	Ser	Leu	Gln	Pro	Leu	Ala	Leu	Glu	Gly
	50					55					60				
Ser	Leu	Gln	Lys	Arg	Gly	Ile	Val	Glu	Gln	Cys	Cys	Thr	Ser	Ile	Cys
65					70					75					80
Ser	Leu	Tyr	Gln	Leu	Glu	Asn	Tyr	Cys	Asn						
				85					90						